What is claimed is:

1. An image compressing apparatus comprising:

a specification portion which specifies a restart interval for inserting a restart marker which indicates an expansion staring point of compressed image data at occurrence of a data error; and

an image compression processing portion which compresses image data after inserting said restart marker in a head of said image data corresponding to one scanning line based on said restart interval specified in said specification portion.

2. The image compressing apparatus according to claim 1, wherein said specification portion, comprises:

a setting register group which stores the number of horizontal pixels of said image data and an interval of said scanning line in which said restart marker is inserted; and

a restart interval calculation portion which calculates said restart interval based on said scanning line interval and the number of said horizontal pixels which are stored in said setting register group.

3. The image compressing apparatus according to claim 2, wherein said setting register group,

comprises:

a restart line interval setting register which stores said scanning line interval for inserting said restart marker; and

a horizontal level setting register which stores the number of the horizontal pixels of said image data, and

said restart interval calculation portion calculates said restart interval based on the number of the horizontal pixels stored in horizontal level setting register and said scanning line interval stored in said restart line interval setting register.

4. The image compressing apparatus according to claim 3, wherein said image compression processing portion, comprises:

a discrete cosine transformation portion which executes said discrete cosine transformation to said image data;

a quantization portion which quantizing data from said discrete cosine transformation portion;

a restart marker insertion portion which inserts said restart marker in data outputted from said quantization portion; and

an entropy compression portion which executes entropy compression to data in which said restart marker is inserted by said restart marker insertion

portion.

5. The image compressing apparatus according to claim 4, further comprising:

a marker preparation portion which prepares a restart interval marker showing an insertion position of said restart marker based on a value which specifies a restart interval from said restart interval calculation portion; and

a marker addition portion which adds the restart interval marker prepared by said marker preparation portion to compressed image data prepared by said image compression processing portion.

6. An image compressing method comprising:

specifying a restart interval for inserting a restart marker which indicates an expansion staring point of compressed image data at occurrence of a data error; and

compressing image data after inserting said restart marker in a head of said image data corresponding to one scanning line based on said specified restart interval.

7. The image compressing method according to claim 6, wherein said specifying step, includes:

storing the number of horizontal pixels of said

image data and an interval of said scanning line in which said restart marker is inserted; and

calculating said restart interval based on said scanning line interval and the number of said horizontal pixels.

8. The image compressing method according to claim 7, wherein said storing step, includes:

storing said scanning line interval for inserting said restart marker; and

storing the number of the horizontal pixels of said image data, and

said calculating step calculates said restart interval based on the number of the horizontal pixels and said scanning line interval.

9. The image compressing method according to claim 8, wherein said compressing step, comprises:

executing a discrete cosine transformation to said image data;

quantizing data to which said discrete cosine transformation is executed;

inserting said restart marker in quantized data; and

executing entropy compression to data in which said restart marker is inserted.

10. The image compressing method according to claim 9, further comprising:

preparing a restart interval marker showing a insertion position of said restart marker based on a value which specifies a restart interval; and

adding the prepared restart interval marker to compressed image data.